

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	35353	((electr\$9conducti\$4 conductor conductive thick adj film metal\$4 Ag silver Au gold Cu Copper ) near5 (ink paste paint toner) (Pd palladium Ag silver Au gold Cu Copper tin Sn metal\$4) near5 colloidal near5 (dispersion suspension particle)) and (conductive Pd Palladium Ag silver Au gold Cu Copper tin Sn thick adj film metal\$4) near5 (conductor trace track feature pattern film circuit) and (solvent vehicle binder dispersion adj2 medium)	US-PGPUB; USPAT	OR	ON	2009/08/13 11:26
S2	4384	S1 and (252/500,512-514.ccls. 428/209,357,402-407.ccls. 430/108.3,108.4,119,137.22.ccls. 75/252,255,351.ccls. 136/264,256,252.ccls. 438/57,68,94,98,149,584,674.ccls. 427/96,96.1,96.3,98.4,98.9,123,125,126.1-126.5,180,189-191,212,213.3,216,220,282,294,375,376.6,462,534.ccls. 174/257.ccls. 977/773,775,777.ccls. 106/1.13,1.15,1.18-1.23,403,31.13.ccls. 148/537.ccls. 29/825,829,840,843.ccls.)	US-PGPUB; USPAT	OR	ON	2009/08/13 11:27
S3	5505	S1 and ( polyvinylidene adj chloride polyvinyl adj chloride polyethylene adj vinyl adj chloride PVDC PVC daran evc airflex air adj flex )	US-PGPUB; USPAT	OR	ON	2009/08/13 11:28
S4	18887	S1 and (metal\$4 Platinum Pt palladium Pd gold Au copper Cu silver Ag tin Sn) with ( nanoparticle nanopowder ultrafine nano\$2particle\$2 nano\$2powder\$2 micron "mu.m" nm nanometer ultra\$2fine\$2 colloidal fine)	US-PGPUB; USPAT	OR	ON	2009/08/13 11:28
S5	12048	S4 and ((nanopowder nanoparticle ultrafine nano\$2particle\$2 nano\$2powder\$2 ultra\$2fine\$2 metal\$4 Platinum Pt palladium Pd gold Au copper Cu silver Ag tin Sn) with (coated capped encapsulat\$5 core and shell (surface shell) near2 (modified coating layer covered))) )	US-PGPUB; USPAT	OR	ON	2009/08/13 11:30
S6	2018	S2 and S5	US-PGPUB; USPAT	OR	ON	2009/08/13 11:31
S7	403	S2 and S3 and S4	US-PGPUB; USPAT	OR	ON	2009/08/13 11:32
S8	317	S2 and S3 and S5	US-PGPUB; USPAT	OR	ON	2009/08/13 11:32
S9	18870	S1 and (metal\$4 Platinum Pt palladium Pd gold Au copper Cu silver Ag tin Sn) near5 ( particle powder particulat\$3 flake\$3)	US-PGPUB; USPAT	OR	ON	2009/08/13 11:33
S10	2129	S9 and (metal\$4 Platinum Pt palladium Pd gold Au copper Cu silver Ag tin Sn) near5 ( flake\$3)	US-PGPUB; USPAT	OR	ON	2009/08/13 11:33
S11	450	S2 and S3 and S9	US-PGPUB; USPAT	OR	ON	2009/08/13 11:33
S12	141	S2 and S3 and S10	US-PGPUB; USPAT	OR	ON	2009/08/13 11:33
S13	2538	S2 and S4 and S9	US-PGPUB; USPAT	OR	ON	2009/08/13 11:35
S14	483	S2 and S4 and S10	US-PGPUB; USPAT	OR	ON	2009/08/13 11:35
S15	1793	S2 and S5 and S9	US-PGPUB; USPAT	OR	ON	2009/08/13 11:36
S16	392	S2 and S5 and S10	US-PGPUB; USPAT	OR	ON	2009/08/13 11:36
S17	141	(nanoparticle ultra\$2fine colloidal) and (metal\$4 silver Ag) and (powder flake) and (coated encapsulated) and (acetate carboxylate trifluoroacetate (oleic carboxylic fatty acetic) adj2 acid (primary fatty) adj2 amine reactive adj organic adj medium metallo\$2organic organo\$2metallic neodecano\$4 ethylhexanoa\$4 ) and (polyvinylidene adj chloride polyvinyl adj chloride polyethylene adj vinyl adj chloride PVDC PVC PEVC) and (consolidated conductor conductive trace feature circuit)	USOCR	OR	ON	2009/08/13 11:37

S18	7	S17 and (252/500,512-514.ccls. 428/209,357,402-407.ccls. 430/108.3,108.4,119,137.22.ccls. 75/252,255,351.ccls. 136/264,256,252.ccls. 438/57,68,94,98,149,584,674.ccls. 427/96,96.1,96.3,98.4,98.9,123,125,126.1-126.5,180,189-191,212,213.3,216,220,282,294,375,376.6,462,534.ccls. 174/257.ccls. 977/773,775,777.ccls. 106/1.13,1.15,1.18-1.23,403,31.13.ccls. 148/537.ccls. 29/825,829,840,843.ccls.)	USOCR	OR	ON	2009/08/13 11:37
S19	295	(nanoparticle ultra\$2fine colloidal (micron ".mu.m" fine) near5 (particle grain size diameter)) and (metal\$4 silver Ag Cu Copper Au gold Pd palladium) and (powder flake) and (coated encapsulated acetate carboxylate trifluoroacetate (oleic carboxylic fatty acetic) adj2 acid (primary fatty) adj2 amine reactive adj organic adj medium metallo \$2organic organo\$2metallic neodecano\$4 ethylhexanoa\$4 ) and (polyvinylidene adj chloride polyvinyl adj chloride polyethylene adj vinyl adj chloride PVDC PVC PEVC)	EPO; JPO; DERWENT	OR	ON	2009/08/13 11:45
S20	69	S19 and (H01B\$.IPCR. H01L\$.IPCR. B32B\$.IPCR. B22F\$.IPCR.)	EPO; JPO; DERWENT	OR	ON	2009/08/13 11:46
S21	12	(nanoparticle ultra\$2fine colloidal).clm. and (metal\$4 silver Ag).clm. and (powder flake).clm. and (coated encapsulated precursor ROM MOD).clm. and (polyvinylidene adj chloride polyvinyl adj chloride polyethylene adj vinyl adj chloride PVDC PVC PEVC).clm. and (consolidated conductor conductive trace feature circuit).clm.	US-PGPUB; USPAT	OR	ON	2009/08/13 11:48
S22	26	(PARMOD\$5 parelec.as. partnerships\$2limited\$2inc.as. brian near2 conaghan.in. paul near2 kydd.in. david near2 richard.in.) and (sol colloid \$4 nano\$2particle ultrafine nanopowder) and (reactive adj organic metallo\$2decomposition neodecanoate ethyl adj hexanoate ROM MOD)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/13 11:48
S23	105	("6379745" "6372158" "6322620" "6274412" "6214527" "6156237" "6153348" "6143356" "6036889" "6017634" "5985456" "5985043" "5882722" "5853622" "5830389" "5814248" "5376403" "5286415" "4921623" "4490010" "4371459" "4289534" "4186244" "6743319" "5011758" "3454518" "7014885" "4981730" "4950423" "7141185" "20010046562" "20020195934" "200145935" "5286415" "5041242" "4371459" "4499010" "5885722" "6156237" "4289534" "4921623" "6214527" "6322620" "6372158" "5286415" "4371459" "4463030" "6743319" "7014885" "200145935" "9945077" "4220411" "9117550" "9917352" "9916556" "9916601" "200182315" "200029208" "200187503" "05054716" "9945077" "63278983" "05054716" "08283517" "9917352" "9916556" "200282315" "7081214" "7211205"). did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/08/13 11:49
S24	8	("5098771" "6248449" "20030124259" "20040113127").PN.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/08/13 11:49
S25	12	(S23 S24) and ( polyvinylidene adj chloride polyvinyl adj chloride polyethylene adj vinyl adj chloride PVDC PVC daran eve airflex air adj flex )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/13 11:49
S26	1	"20030124259" and ((binder vehicle) same (quantity amount percent \$2%) carbon)	US-PGPUB; USPAT	OR	ON	2009/08/13 11:50

8/13/2009 11:52:01 AM

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